

$$R_i = -\Delta U / \Delta I \quad (I)$$

Fig.1

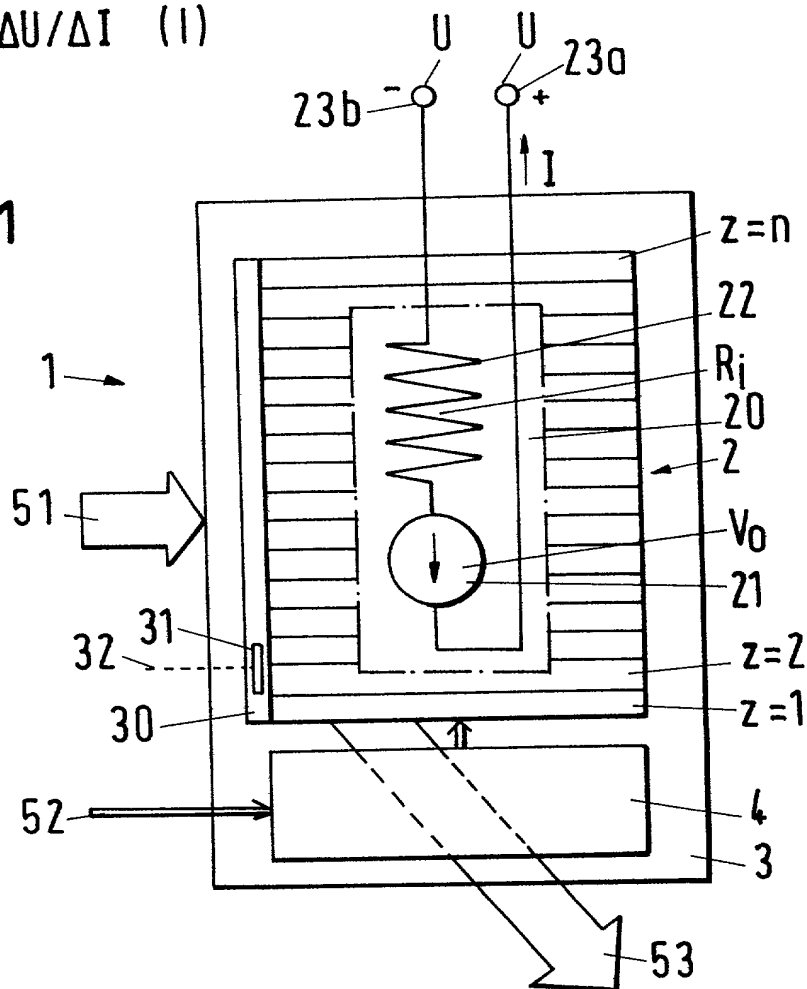


Fig. 2

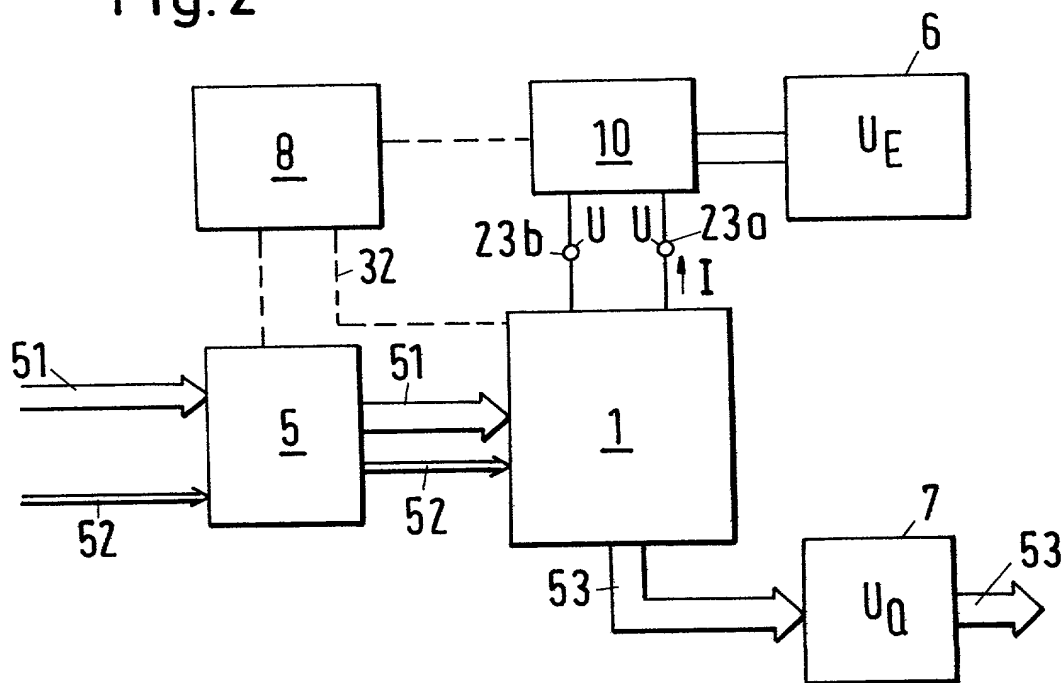


Fig.4

$$y = c_j x^{d_j} \quad (III)$$

$$x = Q_F / n \quad (III')$$

$$y = A_E R_i / n \quad (III'')$$

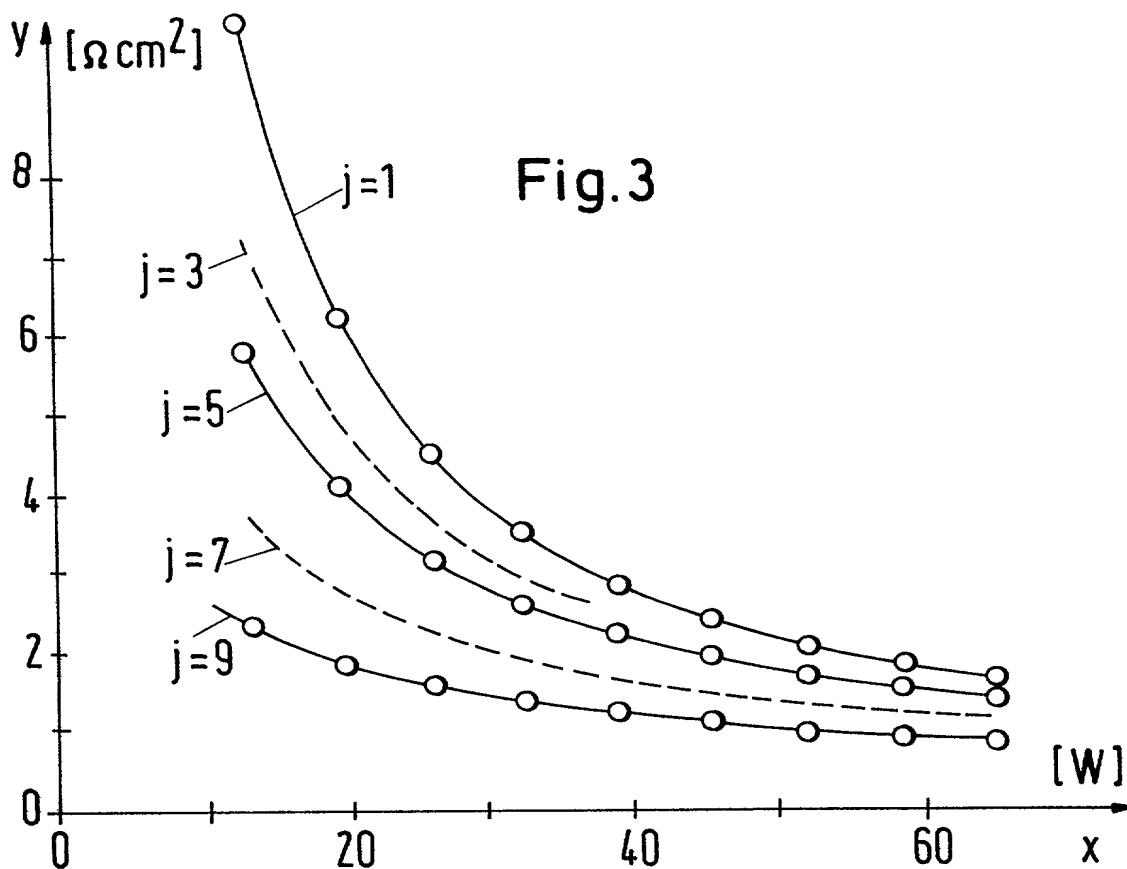


Fig.5

	$c_j =$	$- d_j =$
$j = 1$	184.1	1.140
2	117.0	1.040
3	93.0	0.995
4	78.0	0.965
5	56.1	0.887
6	38.0	0.820
7	26.0	0.765
8	18.0	0.715
9	11.2	0.615

Fig. 6

$$y = c \cdot x^d \quad (\text{IV}) \qquad \ln y = \ln c + d \cdot \ln x \quad (\text{IV}')$$

$$x = x_1 \rightarrow y = y_1 \quad (\text{V})$$

$$x = x_2 \rightarrow y = y_2 \quad (\text{VI})$$

$$d = (\ln y_2 - \ln y_1) \cdot (\ln x_2 - \ln x_1)^{-1} \quad (\text{VII})$$

$$c = y_1 \cdot x_1^{-d} \quad (\text{VIII})$$

Fig. 7

$$x = x_0 \rightarrow y_0 = c \cdot x_0^d \quad (\text{IX})$$

$$c' = c_j / d' = d_j; \quad y' = c' \cdot x_0^{d'} \quad (\text{X}')$$

$$(y' - y_0) = \min, \quad > 0 \quad (\text{X}'')$$